

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015808.D
 Acq On : 29 Jun 2023 13:31
 Operator : MA/JU
 Sample : 03143-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFV4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 23:15:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	188369	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	791623	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.710	164	436961	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	867563	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.557	240	724450	20.000	ng/u1	# 0.00
88) Perylene-d12	24.104	264	835523	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	16137	3.082	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.246	99	263901	16.374	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.387	67	183400	18.393	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	221513	18.207	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	168433	13.229	ng/u1	0.02
21) Nitrobenzene-d5	9.252	128	103541	17.115	ng/u1	0.01
24) 2-Nitrophenol-d4	9.987	143	113054	16.011	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.557	165	180385	14.336	ng/u1	0.04
31) 4-Chloroaniline-d4	11.093	131	89810m	5.556	ng/u1	0.06
46) Dimethylphthalate-d6	14.122	166	649496	19.231	ng/u1	0.01
49) Acenaphthylene-d8	14.404	160	730900	19.251	ng/u1	0.00
54) 4-Nitrophenol-d4	15.016	143	47584m	10.676	ng/u1	0.06
60) Fluorene-d10	15.710	176	531488	19.112	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.881	200	52489	9.838	ng/u1	0.02
73) Anthracene-d10	17.575	188	737001	18.598	ng/u1	0.00
81) Pyrene-d10	19.798	212	881469	18.634	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	833244	19.770	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	315365	6.691	ng/u1	99
74) Anthracene	17.610	178	68617m	1.449	ng/u1	
80) Fluoranthene	19.469	202	644624	10.965	ng/u1#	91
82) Pyrene	19.828	202	526722	8.783	ng/u1#	91
85) Benzo(a)anthracene	21.539	228	298341	5.854	ng/u1	95
87) Chrysene	21.598	228	333139	6.890	ng/u1	97
90) Benzo(b)fluoranthene	23.321	252	523346	9.748	ng/u1#	93
91) Benzo(k)fluoranthene	23.363	252	194688m	3.589	ng/u1	
93) Benzo(a)pyrene	23.992	252	342241	7.296	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.804	276	287616	4.516	ng/u1#	95
95) Dibenzo(a,h)anthracene	26.804	278	73547	1.406	ng/u1#	71
96) Benzo(g,h,i)perylene	27.645	276	243562	4.649	ng/u1#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

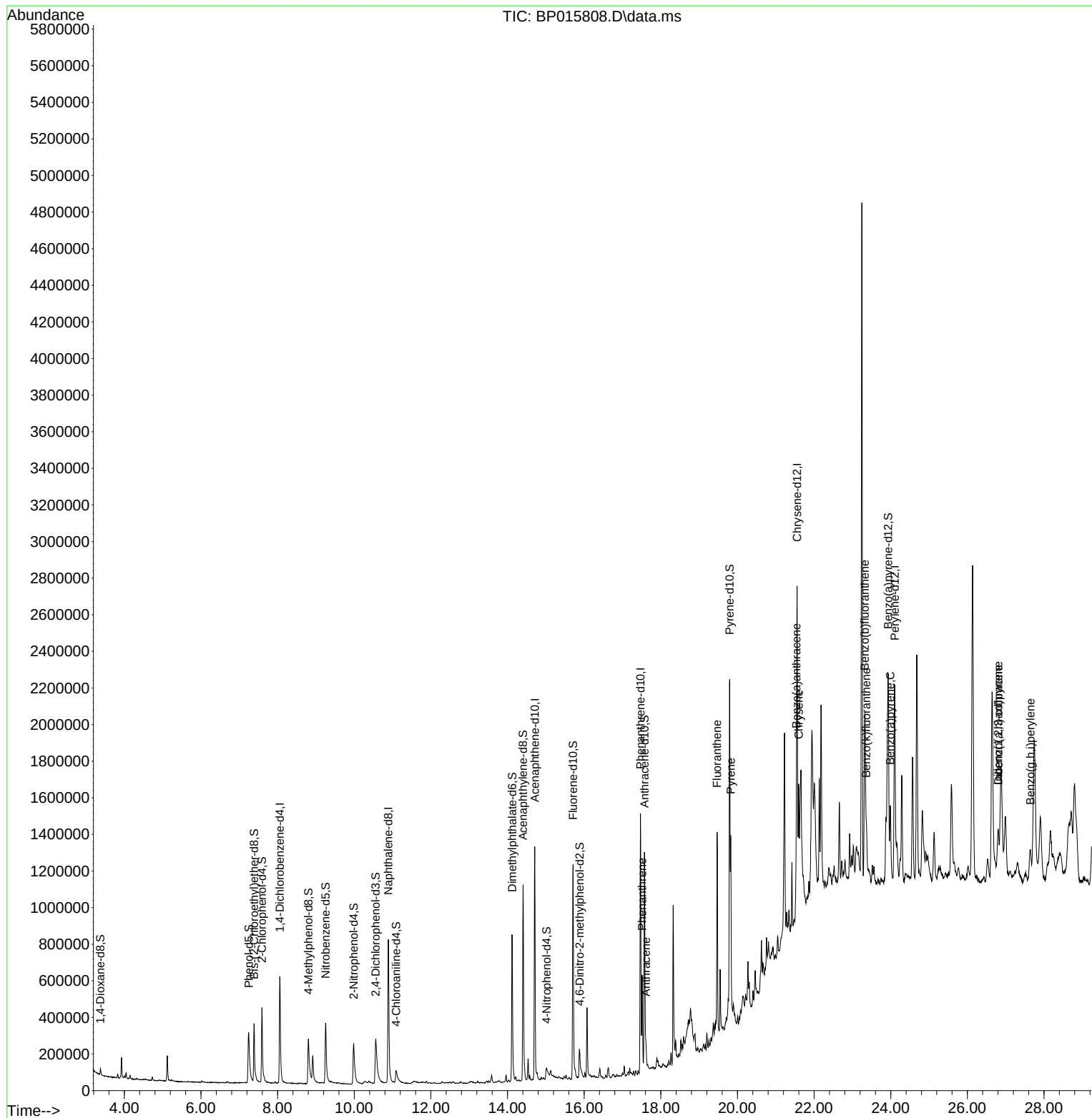
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015808.D
Acq On : 29 Jun 2023 13:31
Operator : MA/JU
Sample : 03143-17
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ALS Vial : 13 Sample Multiplier: 1

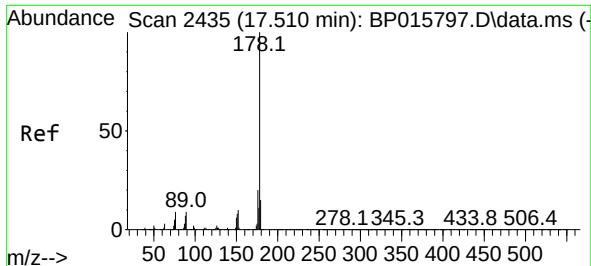
Instrument :
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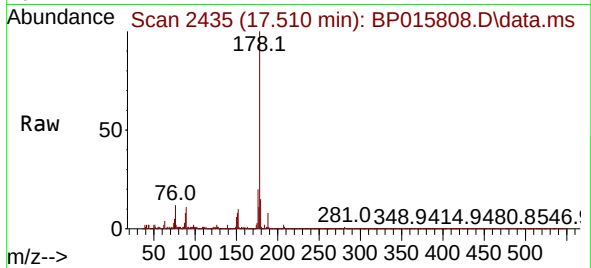
Quant Time: Jun 29 23:15:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration





#72
Phenanthrene
Concen: 6.691 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP015808.D
Acq: 29 Jun 2023 13:31

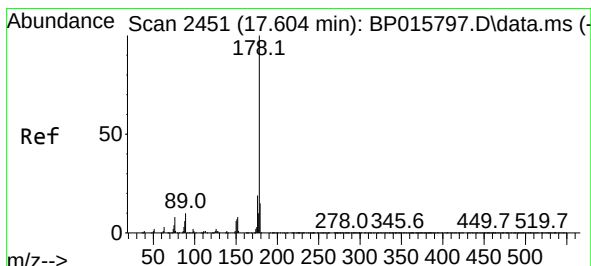
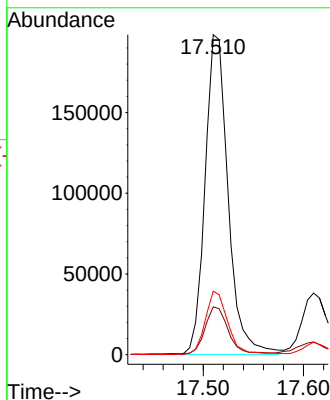
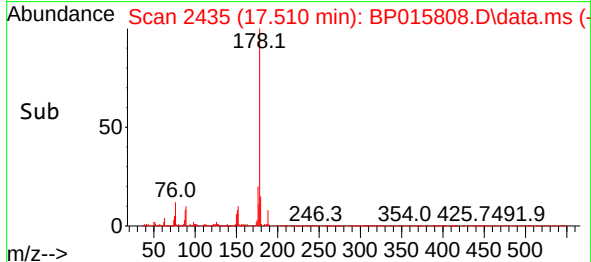
Instrument :
BNA_P
Client SampleId :
DCFV4



Tgt Ion:178 Resp: 31536
Ion Ratio Lower Upper
178 100
179 14.9 12.4 18.6
176 19.9 15.6 23.4

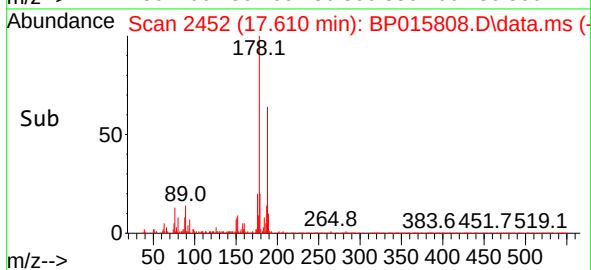
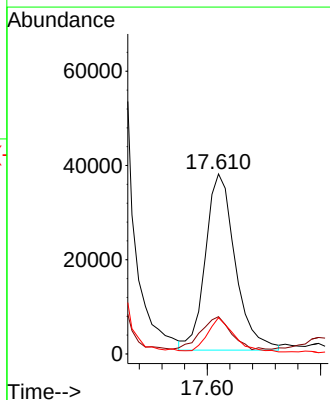
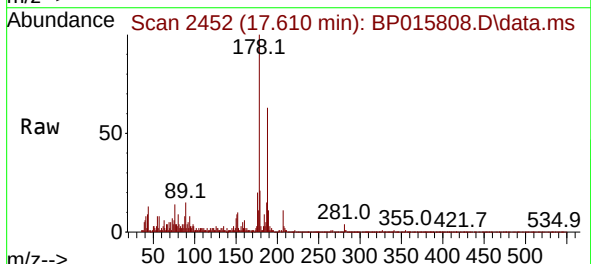
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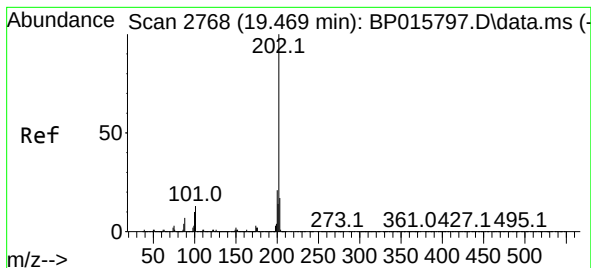
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#74
Anthracene
Concen: 1.449 ng/ul m
RT: 17.610 min Scan# 2452
Delta R.T. 0.006 min
Lab File: BP015808.D
Acq: 29 Jun 2023 13:31

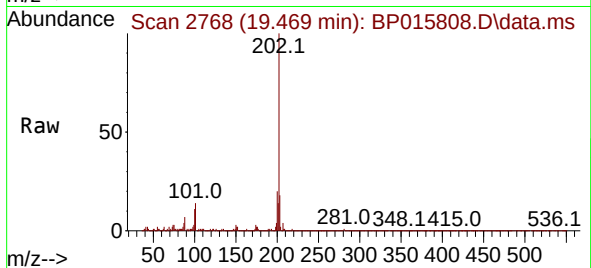
Tgt Ion:178 Resp: 68617
Ion Ratio Lower Upper
178 100
179 20.7 12.1 18.1#
176 20.1 14.6 22.0





#80
Fluoranthene
Concen: 10.965 ng/u1
RT: 19.469 min Scan# 2768
Delta R.T. -0.006 min
Lab File: BP015808.D
Acq: 29 Jun 2023 13:31

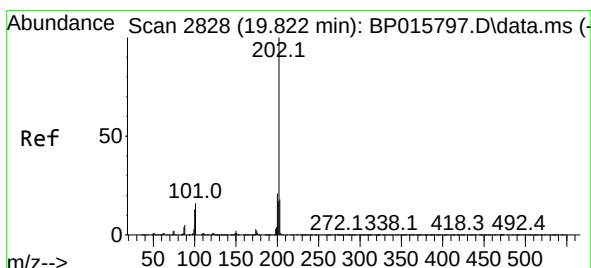
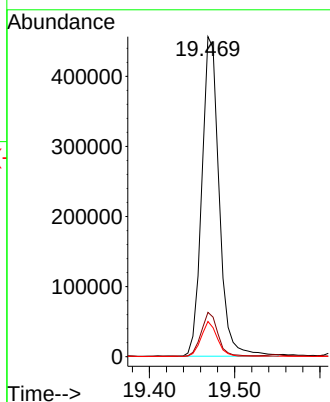
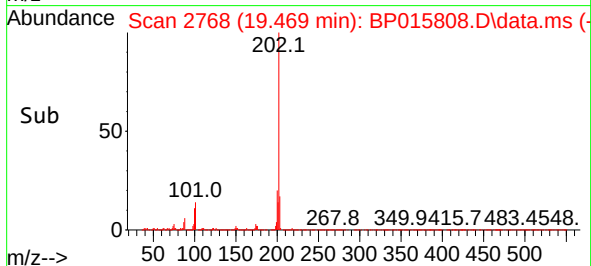
Instrument :
BNA_P
ClientSampleId :
DCFV4



Tgt Ion:202 Resp: 644624
Ion Ratio Lower Upper
202 100
101 13.8 8.3 12.5#
100 11.0 6.6 9.8#

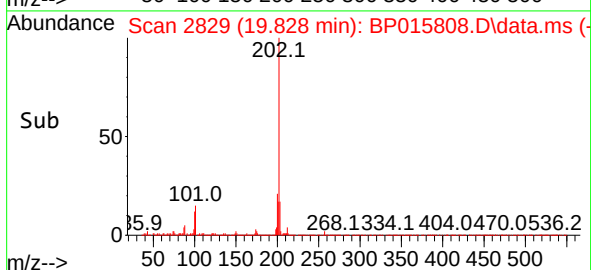
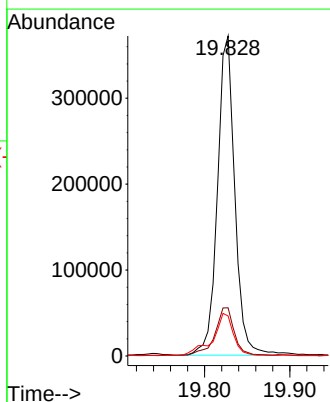
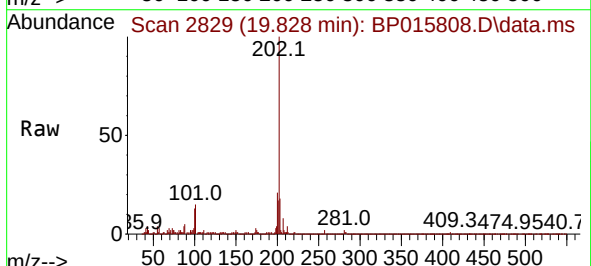
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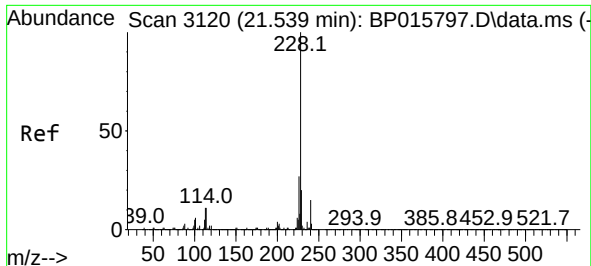
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#82
Pyrene
Concen: 8.783 ng/u1
RT: 19.828 min Scan# 2829
Delta R.T. -0.000 min
Lab File: BP015808.D
Acq: 29 Jun 2023 13:31

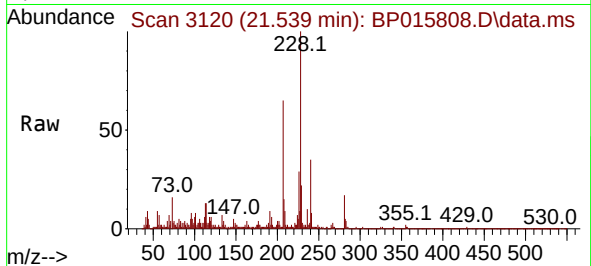
Tgt Ion:202 Resp: 526722
Ion Ratio Lower Upper
202 100
101 15.0 9.3 13.9#
100 12.5 7.6 11.4#





#85
Benzo(a)anthracene
Concen: 5.854 ng/ul
RT: 21.539 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BP015808.D
Acq: 29 Jun 2023 13:31

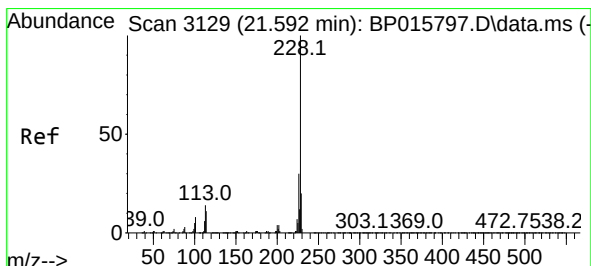
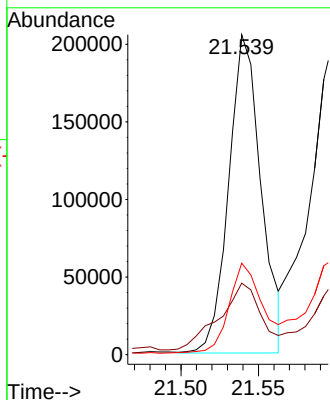
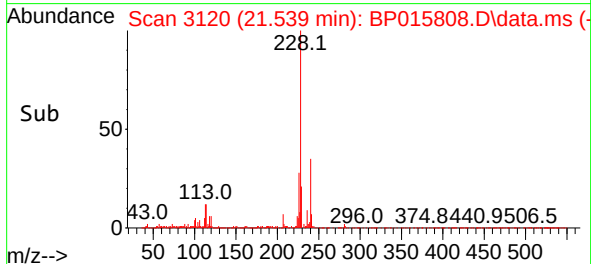
Instrument :
BNA_P
ClientSampleId :
DCFV4



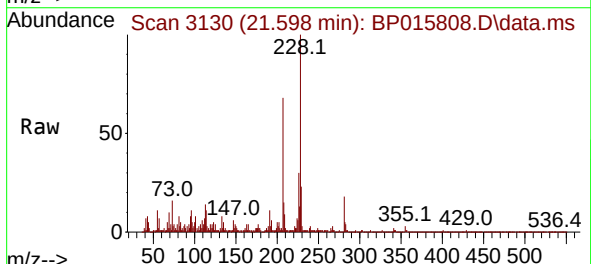
Tgt Ion:228 Resp: 29834
Ion Ratio Lower Upper
228 100
229 22.3 15.3 22.9
226 28.6 21.4 32.0

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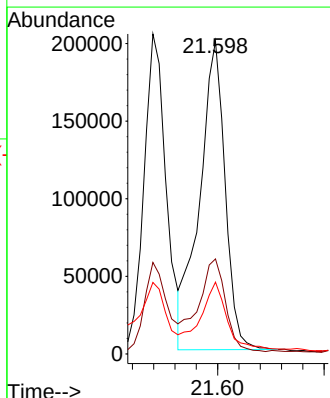
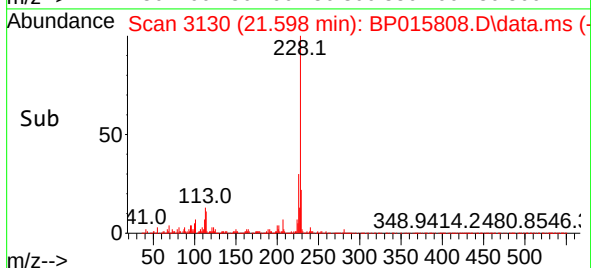
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

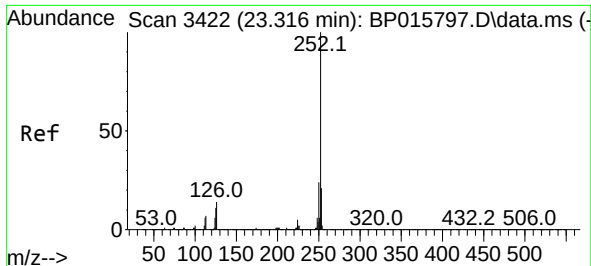


#87
Chrysene
Concen: 6.890 ng/ul
RT: 21.598 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BP015808.D
Acq: 29 Jun 2023 13:31



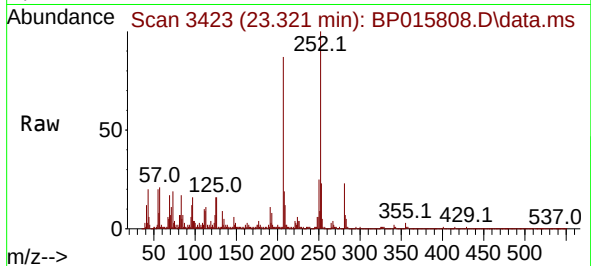
Tgt Ion:228 Resp: 333139
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 23.0 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 9.748 ng/ul
RT: 23.321 min Scan# 3422
Delta R.T. 0.006 min
Lab File: BP015808.D
Acq: 29 Jun 2023 13:31

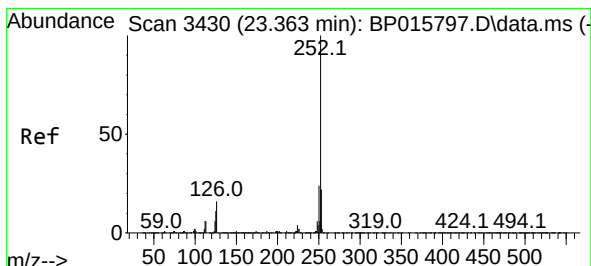
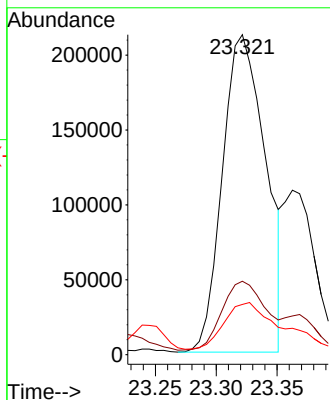
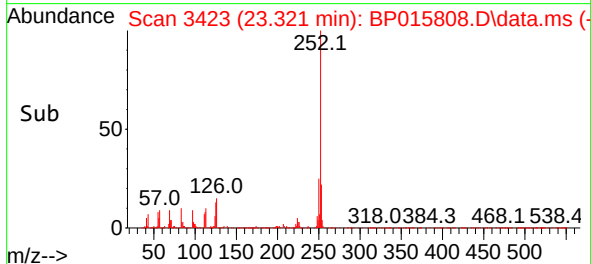
Instrument :
BNA_P
ClientSampleId :
DCFV4



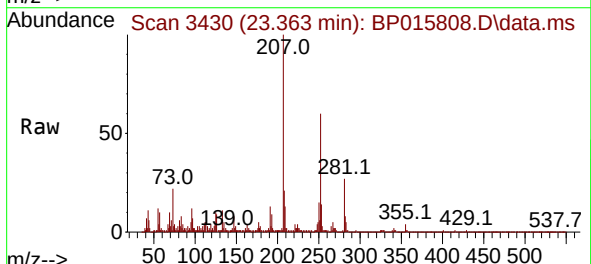
Tgt Ion:252 Resp: 523340
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 15.7 7.5 11.3

Manual Integrations
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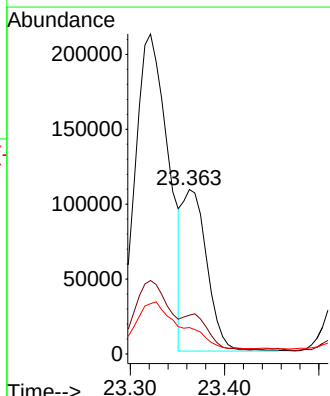
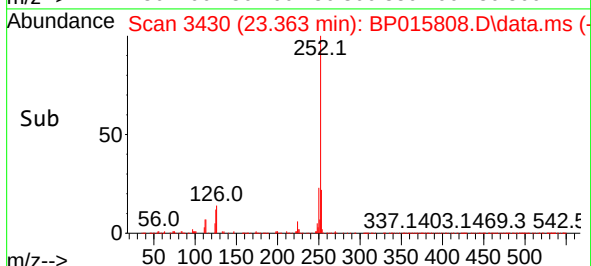
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

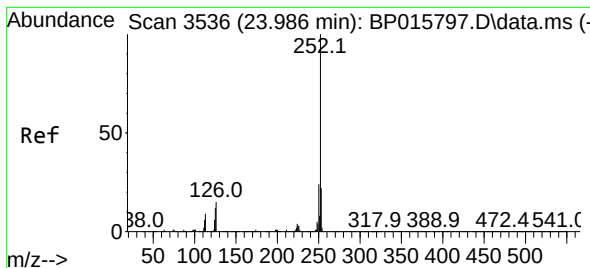


#91
Benzo(k)fluoranthene
Concen: 3.589 ng/ul m
RT: 23.363 min Scan# 3430
Delta R.T. -0.006 min
Lab File: BP015808.D
Acq: 29 Jun 2023 13:31



Tgt Ion:252 Resp: 194688
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.4
125 16.1 7.3 10.9





#93

Benzo(a)pyrene

Concen: 7.296 ng/ul

RT: 23.992 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP015808.D

Acq: 29 Jun 2023 13:31

Instrument :

BNA_P

ClientSampleId :

DCFV4

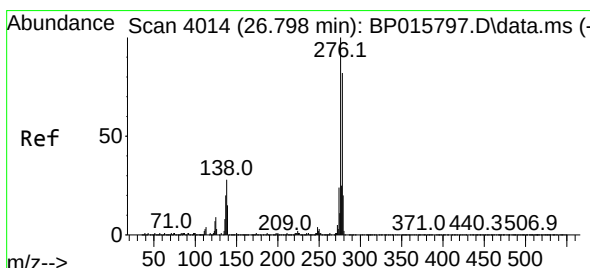
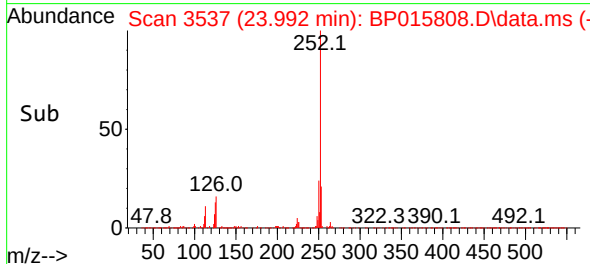
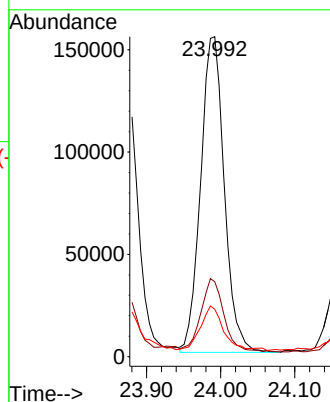
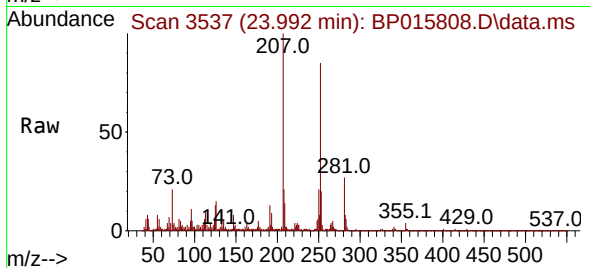
Tgt Ion:	252	Resp:	34224
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.7	26.5
125	14.8	8.2	12.2

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 4.516 ng/ul

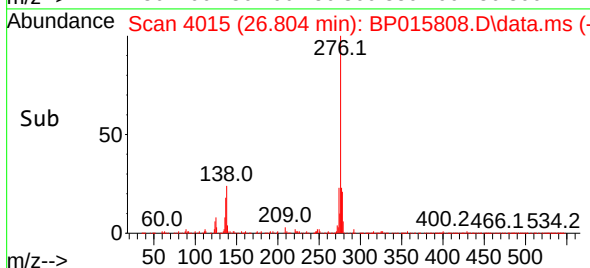
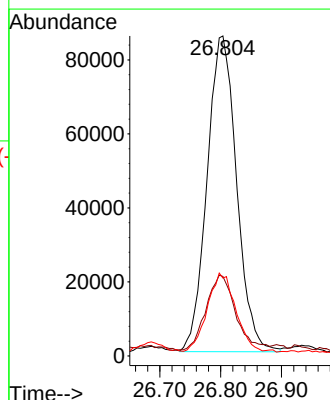
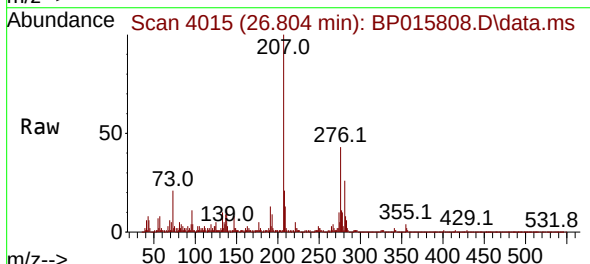
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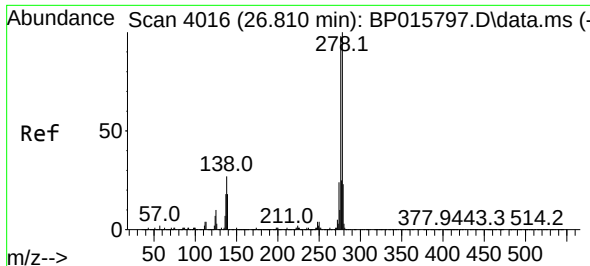
Delta R.T. 0.006 min

Lab File: BP015808.D

Acq: 29 Jun 2023 13:31

Tgt Ion:	276	Resp:	287616
Ion Ratio	Lower	Upper	
276	100		
138	24.9	15.7	23.5
277	24.3	19.6	29.4





#95
Dibenzo(a,h)anthracene
Concen: 1.406 ng/ul
RT: 26.804 min Scan# 4016
Delta R.T. -0.006 min
Lab File: BP015808.D
Acq: 29 Jun 2023 13:31

Instrument :

BNP_P

ClientSampleId :

DCFV4

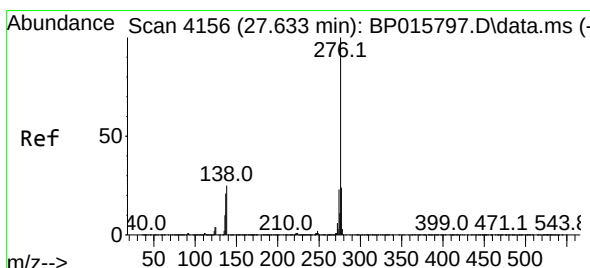
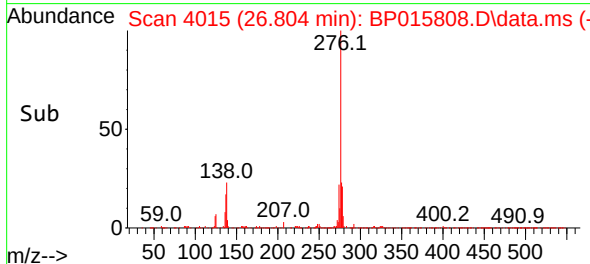
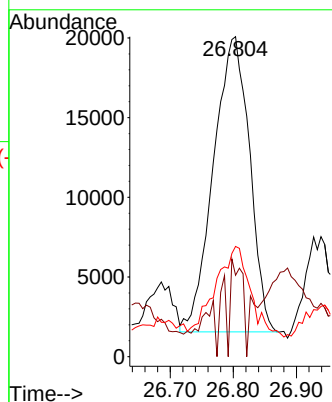
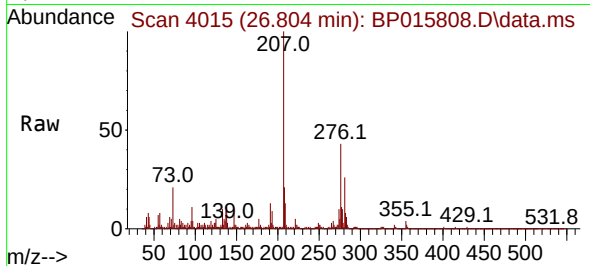
Tgt Ion:278 Resp: 7354
Ion Ratio Lower Upper
278 100
139 28.6 10.5 15.7
279 34.4 18.4 27.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#96
Benzo(g,h,i)perylene
Concen: 4.649 ng/ul
RT: 27.645 min Scan# 4158
Delta R.T. 0.012 min
Lab File: BP015808.D
Acq: 29 Jun 2023 13:31

Tgt Ion:276 Resp: 243562
Ion Ratio Lower Upper
276 100
138 25.3 15.1 22.7
277 24.4 18.8 28.2

